

WHAT IS CLAIMED IS:

1. A radiographic apparatus comprising:
an imaging unit for converting a radiation image
5 of an object into an image signal; and
a shield member for shielding said imaging unit
from scattered rays arising inside the radiographic
apparatus from radiation passing through said imaging
unit, said shield member including a plurality of areas
10 in which either a radiation transmittivity or a
radiation scattering probability, or both, differs.
2. The radiographic apparatus according to claim 1,
wherein either the radiation transmittivity or the
15 radiation scattering probability, or both, of the
plurality of areas is selected so that an amount of
scattered rays passing through the plurality of areas
and entering said imaging unit is uniform.
- 20 3. The radiographic apparatus according to claim 1,
wherein the plurality of areas are composed of
different materials.
4. The recording apparatus according to claim 3,
25 wherein the material includes at least one of
molybdenum (Mo), tungsten (W) and iron (Fe).

5. The radiographic apparatus according to claim 1,
wherein a thickness of the plurality of areas differs.

6. The radiographic apparatus according to claim 1,
5 wherein constituent elements causing the scattered rays
include either an electronic component or a mechanical
structure, or both.

7. The radiographic apparatus according to claim 1,
10 wherein the radiographic apparatus is of cassette-type.